ISR INFRASTRUCTURE 2005 UPDATE

Information Briefing

January 2004

Agenda

- Purpose
- Overview
- Goals of ISR Update
- Standards and process changes
- Redesign concept
- Facility evaluator training
- Summary of planned revisions
- The way ahead
- Coordination with Functional Proponents/Other Entities

Purpose

- To outline the planned update path for ISR Infrastructure for 2005 and beyond

Overview

- On 1 Oct 2003, ACSIM approved the concept to update ISR Infrastructure methodology and standards for the 2005 collection
- Primary Goals
  - Reduce subjectivity of standards
  - Resolve critical component influence on facility repair estimate
  - Improve training of user/tenant facility raters at installation level
  - Support OSD and CFOA data requirements
  - Build on current ISR process

ISR Infrastructure Update Components

- Direct required training for facility evaluators
- Revise ISR Infrastructure standards booklets
  - Revise with less subjective wording
  - Restructure with assignment of points for weighting elements & components
- Establish two facility level ratings
  - Facility quality rating (C1-C4) and improvement cost
  - Facility mission support rating (C1-C4)
- Refine quality improvement cost calculation
  - Review/revise component list for each standards booklet
  - Establish new quality improvement cost factors at component level
- Facility repair cost estimate (sum of component cost estimates)
  - Credible for large groups of buildings
  - Acceptable estimate for OSD quality status, but not accurate for facility project estimate
- Establish new aggregate ratings
  - FCG to category level – 3 ratings: mission support, quality, and **C2** **C3** **C2** (deleted overall rating)
  - For DoD facility class (9) additional (new) rating for Garrison a **C2** **C3** **C2** facility readiness rating

Redesign Concept
Facility Ratings

Current Approach

Component Ratings for Facilities

For each component
- "Best Fit" evaluation of component
- Component rating
  Red or Amber or Green

Facility Ratings
- Sampling Permitted
- Facility Rating based on
  - Color receiving most component ratings
  - Lowest critical component is the highest possible rating
- Facility Quality Rating
  Red or Amber or Green

New Approach

Component Ratings for Facilities

For each component
- Points awarded to each element
- Component rating based on total points of all elements
- Component Rating
  Red or Amber or Green

Facility Quality Rating
the quality of facilities against Army standards
- Sampling Permitted
- Facility Rating
  C-1, C-2, C-3 or C-4
- Facility Rating based on cost to improve components compared to facility PRV

Facility Mission Support Rating
the ability of facilities to support assigned missions
- Sampling Permitted
- Facility Rating
  C-1, C-2, C-3 or C-4
- Facility Rating based on total points from each component (weighted by mission importance)

Redesign Concept

Roll-up Ratings and Costs

Current Approach

Facility Ratings

C3 | C2

For all facility groups
- C-quality + $ improve
- C-quantity + $ improve
- C-overall (lower of above 2)

Commander's comments (for each Area-5)
- Area comments
- Area overwrite

New Approach

Facility Ratings

C2 | C3 | C2

For all facility groups – FCG through Category
- C-mission support
- C-quality + $ improve
- C-quantity + $ improve

C2 | C3 | C2

+ For 9 facilty classes (top level only)
- C-Facility Readiness (*Commander's rating* -considers C-mission support, C-quality and C-quantity)

Commander's comments (for each Fac Class-9)
- Facility Readiness comments
- Quality comments
- Quantity comments

DA Usage

- Support Fac Readiness rating
- Populate RPI "quality status" (facilitiy Q-rating)
- Answer the question: What is the Backlog?
- Restoration costs for facility types
- Improve Quality to C-2 cost
- MILCON deficit requirements in POM
- Deficit costs for facility types
- Support DoD IRR
- Support DoD IRR
- Identify command concerns
- Support information papers

ISR Infrastructure Standards

One Example of Tightened Wording for <u>One Element</u> of <u>One Booklet Component</u>

Example Standards Wording

Current Wording for an Element in "Site & Grounds" ***[same element in 34 booklets]***

Green	Amber	Red
Site handicapped accessible	Some handicap provisions	No provisions for the handicapped

Tightened Wording

Site handicapped accessible, including **a minimum of four** of the following Uniform Federal Accessibility Standards (UFAS): ▪ Handicapped parking at shortest accessible route to accessible entrance ▪ Accessible parking spaces at least 96 inches wide ▪ Accessible spaces designated with appropriate signage ▪ Curb ramps wherever an accessible route crosses a curb ▪ Ramps available from handicapped parking, as necessary, with maximum rise of 30 inches	Site complies with a **minimum of two** of the UFAS standards cited for a Green rating.	Site complies with **no more than one** of the UFAS standards cited for a Green rating.

Sample of a Revised / Restructured Component of an Inspection Booklet Follows on 3 Slides

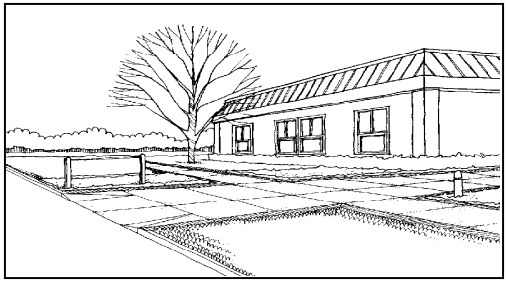
ISR Infrastructure Update for 2005

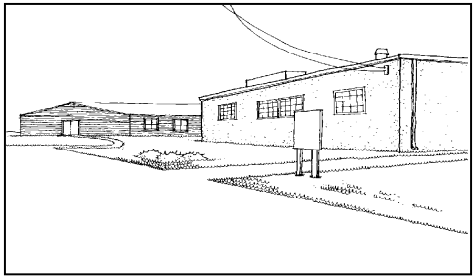
Administrative Facilities

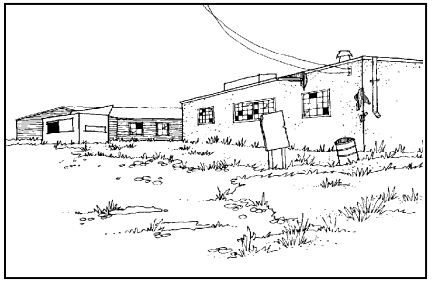
COMPONENT: SITE & GROUNDS

GREEN ***AMBER*** ***RED***

In each row, please circle the "Points" next to the description which most closely describes this facility







HIGH PRIORITY	Points		Points		Points
Site complies with Uniform Federal Accessibility Standards (UFAS), including a **minimum of four** of the following criteria: ▪ Handicapped parking at shortest accessible route to accessible entrance ▪ Accessible parking spaces at least 96 inches wide ▪ Accessible spaces designated with appropriate signage ▪ Curb ramps wherever an accessible route crosses a curb ▪ Ramps available from handicapped parking, as necessary, with maximum rise of 30 inches	**24**	Site complies with Uniform Federal Accessibility Standards (UFAS), including a **minimum of two** of the criteria cited for a Green rating.	**12**	Site complies with **no more than one** of the Uniform Federal Accessibility Standards (UFAS) criteria cited for a Green rating.	**0**
Lighting is sufficient for confident and safe movement by personnel, and is routinely maintained in primary functional areas (as relevant to the site), including: ▪ Roadway lighting ▪ Pedestrian lighting ▪ Parking lot lighting ▪ Outdoor architectural lighting, such as loading dock ▪ Security lighting	**20**	Adequate lighting is available at relevant functional areas, but maintenance is erratic: ▪ Service calls required once or more annually	**10**	Lighting is inadequate and/or damaged in one or more of the relevant functional areas; no routine maintenance service in place: ▪ Frequent service calls required (more than twice annually)	**0**

ISR Infrastructure Update for 2005

Administrative Facilities
COMPONENT: SITE & GROUNDS

GREEN ***AMBER*** ***RED***

In each row, please circle the "Points" next to the description which most closely describes this facility

MEDIUM PRIORITY	Points		Points	Points
Site utilities meet **at least 2 of the 3** following criteria: • All utility lines are underground • Other utility equipment, such as transformers or A/C condensers are screened by landscaping or fences • Emergency generators are located inside the facility	**14**	Site utilities meet at **least one of the 3** criteria cited for a Green rating.	**7**	Utility service lines and equipment exposed and disorderly **0**
Site pavements meet at **least 2 of the 3** following criteria; • Paved sidewalks provide access to the building entrances from adjacent streets and the site parking area(s) • Hairline cracks visible over no more than 25% of pavement • No large cracks in pavement exceeding one half inch in width	**14**	Site pavements meet at **least one of the 3** criteria cited for a Green rating.	**7**	Site pavements in disrepair or not installed **0**
Landscaping compatible with building design and mission and meets at **least 2 of the following 3 criteria**: • Landscaping maintained for a neat & orderly appearance • No pooling as result of poor drainage • Free of pest infestation	**12**	Landscaping compatible with building design and mission and meets at **least one of the 3 criteria** cited for a Green rating.:	**6**	Landscaping lacking or incompatible with building design and mission. **0**

ISR Infrastructure Update for 2005

Administrative Facilities

COMPONENT: SITE & GROUNDS

GREEN ***AMBER*** ***RED***

In each row, please circle the "Points" next to the description which most closely describes this facility

LOW PRIORITY	Points		Points		Points	
Facility located in an area of compatible activities with at **least two of the following three** attributes: • Landscaping of area facilities is similar in appearance • Reasonable traffic volume within site and sound of the building • Incompatible activities (such as administrative facilities among industrial facilities) at least 25 yards distant	**8**		Facility located in an area of compatible activities with at **least one of the three** attributes cited for a Green rating.	**4**	Facility impacted by surrounding incompatible activities.	**0**
Dumpster located in a service area, such as a loading dock or facility maintenance structure and conforms to **2 or more** of the following 3 criteria: ▪ Dumpster screened from the view of primary use areas, such as entrances, courtyards, gathering areas, streets, and parking lots ▪ Screening consists of walls or landscaping between six and eight foot in height ▪ Dumpster located a minimum of 25 meters from troop billeting, family housing, and/or stand-alone retail facilities	**8**		Dumpster located in a service area, such as a loading dock or facility maintenance structure and conforms to **at least one** of the 3 criteria cited for a Green rating.	**4**	Dumpster not located in a service area ▪ No screening from public view	**0**
SUBTOTAL OF POINTS CIRCLED IN THIS COLUMN:			**SUBTOTAL OF POINTS CIRCLED IN THIS COLUMN:**			

Score Determination

Points from Green Column 40

Points form Amber Column 26

Total (Add both lines) 56

COLOR RATING (Based on total to left)

Color Scale:

75 – 100: Green

50 – 74: Amber

Less than 50: Red

Concept of Evaluator Training

- All facility evaluators to receive training annually
- Training to include combination of classroom instruction and practical exercise in rating a facility
- Basic requirements for training executions to be uniform across reporting installations

Summary of Planned Revisions

- Revise current ISR standards and process
  - Implement required training for facility evaluators
  - Standards rewritten using less subjective wording
  - Ratings established for elements and components using points for weighting importance
  - Two ratings for facilities - mission support and quality
  - Facility repair estimate no longer influenced by critical components
  - Commander's facility readiness rating for each facility class

The Way Ahead

- Booklet Update Team:
  - Coordinate with DASA(CE) on booklet components
  - Apply weighting systems to existing booklets
  - Re-work standards to reduce subjectivity
  - Coordinate proposed booklet changes with Functional Proponents and Other Entities (MACOMs, IMA, etc.)
  - Site verification visits
- DASA(CE) develop component cost factors
- ISR Update milestones
  - 1 Dec 03 – initiate update execution
  - 1 Jun 04 – provide standards structure for software update
  - 15 Sep 04 – finalize revised standards

Coordination with Functional Proponents

- Facility component adjustments negotiated with DASA(CE) for costing purposes
- Application of weighting systems to facility component elements and components
- Re-working of standards to reduce subjectivity
- Monthly IPRs at appropriate levels
- Site verification visit feedback to finalize revised booklets